

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,016,164 B2
APPLICATION NO. : 10/614071
DATED : March 21, 2006
INVENTOR(S) : Gill

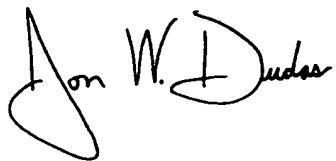
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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

col. 11, line 37 change "layer" to --layers--;
col. 11, line 37 change "antiparellel" to --antiparallel--;
col. 11, line 45 change "layer" to --layers--;
col. 12, line 40 before "antiparallel (AP)" insert --an--;
col. 12, line 41 after "pinned layer" remove the comma;
col. 12, line 47 change "pinned layers structure" to --pinned layer structures--;
col. 14, line 4 after "wherein the" insert --head--.

Signed and Sealed this

Twenty-second Day of August, 2006



JON W. DUDAS
Director of the United States Patent and Trademark Office